BRUHAT BENGALURU MAHANAGARA PALIKE, YELAHANKA
PROJECTS DIVISION

Bruhat Bengaluru Mahanagara Palike

Name of Work :- Name of Work :-Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division

(PACKAGE NO-11)

EMB

"SECOND & PART BILL"

Name of Work :-Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
1	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications MORTH Specificatio MORTH Specification No.301Loading and unloading with 10km lead.						
				Previous Qunatity		8119.39	
	Prakruthi Layout						
	1st Cross Road						
	CH: 00.00 to 30.00 m	1	30.00	(4.50 + 5.00)/2	0.40	57.00	
	CH: 30.00 to 60.00 m	1	30.00	(5.00 + 5.00)/2	0.40	60.00	
	CH: 60.00 to 90.00 m	1	30.00	(4.95 + 5.20)/2	0.40	60.90	
	CH: 90.00 to 118.90 m	1	28.90	(5.20 + 6.00)/2	0.40	64.74	
	Deduct Light Poles	-2	0.20	(0.10 + 0.10)/2	0.40	-0.02	
	Cross Road At End						
	CH: 00.00 to 30.00 m	1	30.00	(4.80 + 4.75)/2	0.40	57.30	
	CH: 30.00 to 31.60m	1	1.60	(4.75 + 4.80)/2	0.40	3.06	
	2nd Cross Road						
	CH: 00.00 to 30.00 m	1	30.00	(4.60 + 4.40)/2	0.40	54.00	
	CH: 30.00 to 60.00 m	1	30.00	(4.40 + 4.40)/2	0.40	52.80	
	CH: 60.00 to 90.00 m	1	30.00	(4.60 + 4.60)/2	0.40	55.20	
	CH: 90.00 to 120.00 m	1	30.00	(4.60 + 4.60)/2	0.40	55.20	
	Deduct Light Poles	-2	0.20	(0.10 + 0.10)/2	0.40	-0.02	
	Vaderahalli Road						
	CH: 200.00 to 230.00 m	1	30.00	(6.40 + 6.20)/2	0.20	37.80	
	CH: 230.00 to 260.00 m	1	30.00	(6.20 + 6.40)/2	0.20	37.80	
	CH: 260.00 to 290.00 m	1	30.00	(6.40 + 6.00)/2	0.25	46.50	
	CH: 290.00 to 320.00 m	1	30.00	(6.00 + 5.30)/2	0.30	50.85	
	CH: 320.00 to 333.00 m	1	13.00	(5.30 + 6.80)/2	0.30	23.60	
	CH: 330.00 to 360.00 m	1	30.00	(6.80 + 7.30)/2	0.35	74.03	
	CH: 360.00 to 390.00 m	1	30.00	(7.30 + 7.50)/2	0.40	88.80	
	CH: 390.00 to 402.00 m	1	12.00	(7.50 + 8.60)/2	0.40	38.64	
					Present Qty	918.17	CUM

Contractor

SHRIYA CONSTRUCTION AND CONSULTANCY

Assistant Engineer

Asst. Executive Engineer

Name of Work :-Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
2	KSRRB 300-58. Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications.						
			Previous Qunatity			20298.47	
	CC Roads						
	Prakruthi Layout						
	1st Cross Road						
	CH: 00.00 to 30.00 m	1	30.00	(4.50 + 5.00)/2		142.50	
	CH: 30.00 to 60.00 m	1	30.00	(5.00 + 5.00)/2		150.00	
	CH: 60.00 to 90.00 m	1	30.00	(4.95 + 5.20)/2		152.25	
	CH: 90.00 to 118.90 m	1	28.90	(5.20 + 6.00)/2		161.84	
	Deduct Light Poles	-2	0.20	(0.10 + 0.10)/2		-0.04	
	Cross Road At End						
	CH: 00.00 to 30.00 m	1	30.00	(4.80 + 4.75)/2		143.25	
	CH: 30.00 to 31.60m	1	1.60	(4.75 + 4.80)/2		7.64	
	2nd Cross Road						
	CH: 00.00 to 30.00 m	1	30.00	(4.60 + 4.40)/2		135.00	
	CH: 30.00 to 60.00 m	1	30.00	(4.40 + 4.40)/2		132.00	
	CH: 60.00 to 90.00 m	1	30.00	(4.60 + 4.60)/2		138.00	
	CH: 90.00 to 120.00 m	1	30.00	(4.60 + 4.60)/2		138.00	
	Deduct Light Poles	-2	0.20	(0.10 + 0.10)/2		-0.04	
	Asphalt Road						
	Vaderahalli Road						
	CH: 00.00 to 30.00 m	1	30.00	(5.30 + 5.40)/2		160.50	
	CH: 30.00 to 60.00 m	1	30.00	(5.40 + 4.30)/2		145.50	
	CH: 60.00 to 90.00 m	1	30.00	(4.30 + 6.20)/2		157.50	
	CH: 90.00 to 120.00 m	1	30.00	(6.20 + 6.00)/2		183.00	
	CH: 120.00 to 150.0 m	1	30.00	(6.00 + 6.70)/2		190.50	
	CH: 150.00 to 180.0 m	1	30.00	(6.70 + 10.00)/2		250.50	
	CH: 180.00 to 200.0 m	1	20.00	(10.00 + 7.00)/2		170.00	
	CH: 200.00 to 230.00 m	1	30.00	(7.00 + 7.00)/2		210.00	
	CH: 230.00 to 260.00 m	1	30.00	(7.00 + 6.40)/2		201.00	
	CH: 260.00 to 290.00 m	1	30.00	(6.40 + 6.00)/2		186.00	
	CH: 290.00 to 320.00 m	1	30.00	(6.00 + 5.30)/2		169.50	
	CH: 320.00 to 333.00 m	1	13.00	(5.30 + 6.80)/2		78.65	
	CH: 330.00 to 360.00 m	1	30.00	(6.80 + 7.30)/2		211.50	

SHRIYA CONSTRUCTION AND CONSULTANCY

Halappa. C.

	CH: 360.00 to 390.00 m	1	30.00	7.30	+ 2	7.50		222.00	
	CH: 390.00 to 402.00 m	1	12.00	7.50	+ 2	8.60		96.60	
							Present Qty	3933.15	Cum

Contractor

SHRIYA CONSTRUCTION AND CONSULTANCY

Assistant Engineer

Asst. Executive Engineer

Name of Work :-Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
3	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications Clause 401 of MORTH V Revision						
			Previous Qunatity			3044.77	
	Prakruthi Layout						
	1st Cross Road						
	CH: 00.00 to 30.00 m	1	30.00	(4.50 + 5.00)/2	0.15	21.38	
	CH: 30.00 to 60.00 m	1	30.00	(5.00 + 5.00)/2	0.15	22.50	
	CH: 60.00 to 90.00 m	1	30.00	(4.95 + 5.20)/2	0.15	22.84	
	CH: 90.00 to 118.90 m	1	28.90	(5.20 + 6.00)/2	0.15	24.28	
	Deduct Light Poles	-2	0.20	(0.10 + 0.10)/2	0.15	-0.01	
	Cross Road At End						
	CH: 00.00 to 30.00 m	1	30.00	(4.80 + 4.75)/2	0.15	21.49	
	CH: 30.00 to 31.60m	1	1.60	(4.75 + 4.80)/2	0.15	1.15	
	2nd Cross Road						
	CH: 00.00 to 30.00 m	1	30.00	(4.60 + 4.40)/2	0.15	20.25	
	CH: 30.00 to 60.00 m	1	30.00	(4.40 + 4.40)/2	0.15	19.80	
	CH: 60.00 to 90.00 m	1	30.00	(4.60 + 4.60)/2	0.15	20.70	
	CH: 90.00 to 120.00 m	1	30.00	(4.60 + 4.60)/2	0.15	20.70	
	Deduct Light Poles	-2	0.20	(0.10 + 0.10)/2	0.15	-0.01	
	Asphalt Road						
	Vaderahalli Road						
	CH: 00.00 to 30.00 m	1	30.00	(5.30 + 5.40)/2	0.15	24.08	
	CH: 30.00 to 60.00 m	1	30.00	(5.40 + 4.30)/2	0.15	21.83	
	CH: 60.00 to 90.00 m	1	30.00	(4.30 + 6.20)/2	0.15	23.63	
	CH: 90.00 to 120.00 m	1	30.00	(6.20 + 6.00)/2	0.15	27.45	
	CH: 120.00 to 150.0 m	1	30.00	(6.00 + 6.70)/2	0.15	28.58	
	CH: 150.00 to 180.0 m	1	30.00	(6.70 + 10.00)/2	0.15	37.58	
	CH: 180.00 to 200.0 m	1	20.00	(10.00 + 7.00)/2	0.15	25.50	
	CH: 200.00 to 230.00 m	1	30.00	(7.00 + 7.00)/2	0.15	31.50	
	CH: 230.00 to 260.00 m	1	30.00	(7.00 + 6.40)/2	0.15	30.15	

ಕರ್ನಾಟಕ ಗೃಹ ಮಂಡಳಿ ಬೆಂಗಳೂರು ಉತ್ತರ ಉಪವಿಭಾಗ ಯಲಹಂಕ ಉಪನಗರ ಬೆಂಗಳೂರು-10

SHRIYA CONSTRUCTION AND CONSULTANCY

	CH: 260.00 to 290.00 m	1	30.00	6.40	+ 2	6.00	0.15	27.90	
	CH: 290.00 to 320.00 m	1	30.00	6.00	+ 2	5.30	0.15	25.43	
	CH: 320.00 to 333.00 m	1	13.00	5.30	+ 2	6.80	0.15	11.80	
	CH: 330.00 to 360.00 m	1	30.00	6.80	+ 2	7.30	0.15	31.73	
	CH: 360.00 to 390.00 m	1	30.00	7.30	+ 2	7.50	0.15	33.30	
	CH: 390.00 to 402.00 m	1	12.00	7.50	+ 2	8.60	0.15		
							Present Qty	589.97	Cum

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Contractor

SHRIYA CONSTRUCTION AND CONSULTANCY

PMC

Assistant Engineer

Asst. Executive Engineer

Name of Work :-Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
6	KSRB 4-1.6: Providing and laying in postion Plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2 Page No-13, Item No-4.6.,(PWD BCSR 2018-19)						
					Previous Qunatity		73.60
	Kerb PCC						
	Prakruthi Layout						
	1st Cross Road						
	CH: 00.00 to 30.00 m	1	30.00	0.20	0.1	0.60	
	CH: 30.00 to 60.00 m	1	30.00	0.20	0.1	0.60	
	CH: 60.00 to 90.00 m	1	30.00	0.20	0.1	0.60	
	CH: 90.00 to 109.50	1	19.5	0.20	0.1	0.39	
	2nd Cross Road						
	CH: 00.00 to 30.00 m	1	30.00	0.20	0.1	0.60	
	CH: 30.00 to 60.00 m	1	30.00	0.20	0.1	0.60	
	CH: 60.00 to 90.00 m	1	30.00	0.20	0.1	0.60	
	CH: 90.00 to 120.00 m	1	30.00	0.20	0.1	0.60	
					Present Qty	4.59	
					Present Qty to be certified	2.30	Cum

Contractor

PMC

SHRIYA CONSTRUCTION AND CONSULTANCY

Asst. Executive Engineer

Name of Work :-Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
7	KSRB 4-1.3 : Providing and laying in position plain cement concrete ofg Mix 1:4:8 with opc @180kgs, with 40mm and down size graded granite metal coarse aggregates@0.85 cum and fine aggregates @0.57 cum machine mixed , machine mixed, concrete laid in layers mot exceeding 15cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per Specifications.						
	Drain		Previous Qunatity			88.80	
	Prakruthi Layout						
	1st Cross Road						
	CH: 00.00 to 30.00 m	1	30.00	0.90	0.15	4.05	
	CH: 30.00 to 60.00 m	1	30.00	0.90	0.15	4.05	
	CH: 60.00 to 90.00 m	1	30.00	0.90	0.15	4.05	
	CH: 90.00 to 91.5	1	1.5	0.90	0.15	0.20	
	2nd Cross Road						
	CH: 00.00 to 30.00 m	1	30.00	0.90	0.15	4.05	
	CH: 30.00 to 60.00 m	1	30.00	0 90	0.15	4.05	
	CH: 60.00 to 90.00 m	1	30.00	0.90	0.15	4.05	
	CH: 90.00 to 120.00 m	1	30.00	0.90	0.15	4.05	
	Vaderahalli Drain						
	LHS Side						
	CH: 00.00 to 15.50 m	1	15.50	0.90	0.15	2.09	
	CH: 4.40 to 54.40 m	1	30.00	0.90	0.15	4.05	
	CH: 54.40 to 80.70 m	1	26.30	0.90	0.15	3.55	
	CH: 86.00 to 116.00 m	1	30.00	0.90	0.15	4.05	
	CH: 116.00 to 146.00 m	1	30.00	0.90	0.15	4.05	
	CH: 146.00 to 162.70 m	1	16.70	0.90	0.15	2.25	
	CH: 168.10 to 198.10 m	1	30.00	0.90	0.15	4.05	
	CH: 198.10 to 225.00 m	1	26.90	0.90	0.15	3.63	
	CH: 230.00 to 256.00 m	1	26.00	0.90	0.15	3.51	
	CH: 261.00 to 286.00 m	1	25.00	0.90	0.15		
	CH: 292.00 to 322.00 m	1	30.00	0.90	0.15		
	CH: 322.00 to 352.00 m	1	30.00	0.90	0.15	4.05	
	CH: 352.00 to 371.00 m	1	19.00	0.90	0.15	2.57	
	CH: 378.5 to 402.5	1	24.00	0.90	0.15	3.24	
	RHS Side						
	CH: 00.00 to 30.00 m	1	30.00	0.90	0.15	4.05	
	CH: 30.00 to 60.00 m	1	30.00	0.90	0.15	4.05	
	CH: 60.00 to 90.00 m	1	30.00	0.90	0.15	4.05	
	CH: 90.00 to 120.00 m	1	30.00	0.90	0.15	4.05	
	CH: 120.00 to 140.00 m	1	20.00	0.90	0.15	2.70	
	End Portion	1	10.00	0.90	0.15	1.35	
	CH: 140.00 to 170.00 m	1	30.00	0.90	0.15	4.05	
	CH: 170.00 to 184.7 m	1	14.70	0.90	0.15	1.98	
	CH: 190.90 to 207.00 m	1	16.10	0.90	0.15	2.17	
	CH: 207.00 to 230.00m	1	23.00	0.90	0.15	3.11	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಬಿಬಿಎಂಪಿ ಉಪವಿಭಾಗ.
ಬೆಂಗಳೂರು-10

CONSTRUCTION AND CONSULTANCY

	CH: 230.00 to 240.00 m	1	10.00	0.90	0.15	1.35	
	CH: 240.00 to 250.00 m	1	10.00	0.90	0.15	1.35	
	CH: 250.00 to 257.00 m	1	7.00	0.90	0.15	0.95	
	CH: 264.00 to 294.00 m	1	30.00	0.90	0.15	4.05	
	CH: 294.00 to 307.00 m	1	18.00	0.90	0.15	2.43	
	CH: 314.00 to 328.00 m	1	14.00	0.90	0.15	1.89	
	CH: 328.00 to 358.00 m	1	30.00	0.90	0.15	4.05	
	CH: 358.00 to 378.5 m	1	20.50	0.90	0.15	2.77	
	CH: 384.00 to 402.5 m	1	18.50	0.90	0.15	2.50	
	Culverts						
	Vaderahalli Culverts						
	LHS Side						
	CH: 15.50 to 24.40 m	1	8.90	1.20	0.15	1.60	
	CH: 80.70 to 86.00 m	1	5.30	1.20	0.15	0.95	
	CH: 162.70 to 168.10 m	1	5.40	1.20	0.15	0.97	
	CH: 225.00 to 230.00 m	1	5.00	1.20	0.15	0.90	
	CH: 256.00 to 261.00 m	1	5.00	1.20	0.15	0.90	
	CH: 286.00 to 292.00 m	1	6.00	1.20	0.15	1.08	
	CH: 371.00 to 378.50 m	1	7.50	1.20	0.15		
	RHS Side						
	CH: 184.70 to 190.9	1	6.20	1.20	0.15	1.12	
	CH: 257.00 to 264.00 m	1	7.00	1.20	0.15	1.26	
	CH: 307.00 to 314.00m	1	7.00	1.20	0.15	1.26	
	CH: 328.00 to 332.00 m	1	4.00	1.20	0.15	0.72	
	CH: 378.50 to 384.00 m	1	5.50	1.20	0.15	0.99	
	Last Connecting Culvert	1	11.00	1.20	0.15	1.98	
	Cross Culvert	1	7.00	1.20	1.00	8.40	
					Present Qty	153.45	Cum

ಕಚೇರಿಯ ಕಾರ್ಯ ಪಾಲನ ಅಧಿಯಂತರಗಳ ಯೋಜನಾ ಘಟಕ ಸುಪನಗರ ಉಪವಿಭಾಗ, ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Contractor

PMC

SHRIYA CONSTRUCTION AND CONSULTANCY

Assistant Engineer

Asst. Executive Engineer

Name of Work :-Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
8	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications.						
			Previous Qunatity			763.79	
	Excavation For Drain						
	Prakruthi Layout						
	1st Cross Road						
	CH: 00.00 to 30.00 m	1	30.00	1.10	1.00	33.00	
	CH: 30.00 to 60.00 m	1	30.00	1.10	1.00	33.00	
	CH: 60.00 to 90.00 m	1	30.00	1.10	1.00	33.00	
	CH: 90.00 to 91.5	1	1.5	1.10	1.00	1.65	
	2nd Cross Road						
	CH: 00.00 to 30.00 m	1	30.00	1.10	1.00	33.00	
	CH: 30.00 to 60.00 m	1	30.00	1.10	1.00	33.00	
	CH: 60.00 to 90.00 m	1	30.00	1.10	1.00	33.00	
	CH: 90.00 to 120.00 m	1	30.00	1.10	1.00	33.00	
	Vaderahalli Drain						
	LHS Side						
	CH: 00.00 to 15.50 m	1	15.50	1.10	1.00	17.05	
	CH: 4.40 to 54.40 m	1	30.00	1.10	1.00	33.00	
	CH: 54.40 to 80.70 m	1	26.30	1.10	1.00	28.93	
	CH: 86.00 to 116.00 m	1	30.00	1.10	1.00	33.00	
	CH: 116.00 to 146.00 m	1	30.00	1.10	1.00	33.00	
	CH: 146.00 to 162.70 m	1	16.70	1.10	1.00	18.37	
	CH: 168.10 to 198.10 m	1	30.00	1.10	1.00	33.00	
	CH: 198.10 to 225.00 m	1	26.90	1.10	1.00	29.59	
	CH: 230.00 to 256.00 m	1	26.00	1.10	1.00	28.60	
	CH: 261.00 to 286.00 m	1	25.00	1.10	1.00	27.50	
	CH: 292.00 to 322.00 m	1	30.00	1.10	1.00	33.00	
	CH: 322.00 to 352.00 m	1	30.00	1.10	1.00	33.00	
	CH: 352.00 to 371.00 m	1	19.00	1.10	1.00	20.90	
	CH: 378.5 to 402.5	1	24.00	1.10	1.00	26.40	
	RHS Side						
	CH: 00.00 to 30.00 m	1	30.00	1.10	1.00	33.00	
	CH: 30.00 to 60.00 m	1	30.00	1.10	1.00	33.00	
	CH: 60.00 to 90.00 m	1	30.00	1.10	1.00	33.00	
	CH: 90.00 to 120.00 m	1	30.00	1.10	1.00	33.00	
	CH: 120.00 to 140.00 m	1	20.00	1.10	1.00	22.00	
	End Portion	1	10.00	1.10	1.00	11.00	
	CH: 140.00 to 170.00 m	1	30.00	1.10	1.00	33.00	
	CH: 170.00 to 184.7 m	1	14.70	1.10	1.00	16.17	
	CH: 190.90 to 207.00 m	1	16.10	1.50	1.20	28.98	
	CH: 207.00 to 230.00m	1	23.00	1.60	1.30	47.84	
	CH: 230.00 to 240.00 m	1	10.00	1.80	1.70	30.60	

SHRIYA CONSTRUCTION CONSULTANCY

	CH: 240.00 to 250.00 m	1	10.00	2.00	2.00	40.00	
	CH: 250.00 to 257.00 m	1	7.00	1.80	2.30	28.98	
	CH: 264.00 to 294.00 m	1	30.00	1.80	2.30	124.20	
	CH: 294.00 to 307.00 m	1	18.00	1.80	2.00	64.80	
	CH: 314.00 to 328.00 m	1	14.00	1.80	2.00	50.40	
	CH: 328.00 to 358.00 m	1	30.00	1.50	1.50	67.50	
	CH: 358.00 to 378.5 m	1	20.50	1.50	1.50	46.13	
	CH: 384.00 to 402.5 m	1	18.50	1.50	1.50	41.63	
	Culverts						
	Vaderahalli Culverts						
	LHS Side						
	CH: 15.50 to 24.40 m	1	8.90	1.20	1.00	10.68	
	CH: 80.70 to 86.00 m	1	5.30	1.20	1.00	6.36	
	CH: 162.70 to 168.10 m	1	5.40	1.20	1.00	6.48	
	CH: 225.00 to 230.00 m	1	5.00	1.20	1.00	6.00	
	CH: 256.00 to 261.00 m	1	5.00	1.20	1.00	6.00	
	CH: 286.00 to 292.00 m	1	6.00	1.20	1.00	7.20	
	CH: 371.00 to 378.50 m	1	7.50	1.20	1.00	9.00	
	RHS Side						
	CH: 184.70 to 190.9	1	6.20	1.20	1.00	7.44	
	CH: 257.00 to 264.00 m	1	7.00	2.00	2.30	32.20	
	CH: 307.00 to 314.00m	1	7.00	2.00	2.20	30.80	
	CH: 328.00 to 332.00 m	1	4.00	1.80	1.80	12.96	
	CH: 378.50 to 384.00 m	1	5.50	1.50	1.60	13.20	
	Last Connecting Culvert	1	11.00	1.50	1.20	19.80	
	Cross Culvert	1	7.00	1.20	1.00	8.40	
					Present Qty	**1589.73**	Cum

Contractor

SHRIYA CONSTRUCTION AND CONSULTANCY

Assistant Engineer

Asst. Executive Engineer

Name of Work :-Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
9	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200 including cost of materials, labour, HOM complete as per specifications. Wall and Bottom Thickness 15 cm.						
			Previous Qunatity			209.57	
	Prakruthi Layout						
	Raft Concrete						
	1st Cross Road						
	CH: 00.00 to 30.00 m	1	30.00	0.90	0.15	4.05	
	CH: 30.00 to 60.00 m	1	30.00	0.90	0.15	4.05	
	CH: 60.00 to 90.00 m	1	30.00	0.90	0.15	4.05	
	CH: 90.00 to 91.5	1	1.50	0.90	0.15	0.20	
	2nd Cross Road						
	CH: 00.00 to 30.00 m	1	30.00	0.90	0.15	4.05	
	CH: 30.00 to 60.00 m	1	30.00	0.90	0.15	4.05	
	CH: 60.00 to 90.00 m	1	30.00	0.90	0.15	4.05	
	CH: 90.00 to 120.00 m	1	30.00	0.90	0.15	4.05	
	Vaderahalli Drain						
	LHS Side						
	CH: 00.00 to 15.50 m	1	15.50	0.90	0.15	2.09	
	CH: 4.40 to 54.40 m	1	30.00	0.90	0.15	4.05	
	CH: 54.40 to 80.70 m	1	26.30	0.90	0.15	3.55	
	CH: 86.00 to 116.00 m	1	30.00	0.90	0.15	4.05	
	CH: 116.00 to 146.00 m	1	30.00	0.90	0.15	4.05	
	CH: 146.00 to 162.70 m	1	16.70	0.90	0.15	2.25	
	CH: 168.10 to 198.10 m	1	30.00	0.90	0.15	4.05	
	CH: 198.10 to 225.00 m	1	26.90	0.90	0.15	3.63	
	CH: 230.00 to 256.00 m	1	26.00	0.90	0.15	3.51	
	CH: 261.00 to 286.00 m	1	25.00	0.90	0.15	3.38	
	CH: 292.00 to 322.00 m	1	30.00	0.90	0.15	4.05	
	CH: 322.00 to 352.00 m	1	30.00	0.90	0.15	4.05	
	CH: 352.00 to 371.00 m	1	19.00	0.90	0.15	2.57	
	CH: 378.5 to 402.5	1	24.00	0.90	0.15	3.24	
	RHS Side						
	CH: 00.00 to 30.00 m	1	30.00	0.90	0.15	4.05	
	CH: 30.00 to 60.00 m	1	30.00	0.90	0.15	4.05	
	CH: 60.00 to 90.00 m	1	30.00	0.90	0.15	4.05	
	CH: 90.00 to 120.00 m	1	30.00	0.90	0.15	4.05	
	CH: 120.00 to 140.00 m	1	20.00	0.90	0.15	2.70	
	End Portion	1	10.00	0.90	0.15	1.35	
	CH: 140.00 to 170.00 m	1	30.00	0.90	0.15	4.05	
	CH: 170.00 to 184.7 m	1	14.70	0.90	0.15	1.98	
	CH: 190.90 to 207.00 m	1	16.10	0.90	0.20	2.90	
	CH: 207.00 to 230.00m	1	23.00	0.90	0.20	4.14	
	CH: 230.00 to 240.00 m	1	10.00	0.90	0.20	1.80	
	CH: 240.00 to 250.00 m	1	10.00	0.90	0.20	1.80	
	CH: 250.00 to 257.00 m	1	7.00	0.90	0.20	1.26	

CONSTRUCTION AND CONSULTANCY * SHRIYA *

	CH: 225.00 to 230.00 m	1	5.00	1.20	0.20	1.20	
	CH: 256.00 to 261.00 m	1	5.00	1.20	0.20	1.20	
	CH: 286.00 to 292.00 m	1	6.00	1.20	0.20	1.44	
	CH: 371.00 to 378.50 m	1	7.50	1.20	0.20	1.80	
	RHS Side						
	CH: 184.70 to 190.9	1	6.20	1.20	0.20	1.49	
	CH: 257.00 to 264.00 m	1	7.00	1.20	0.25	2.10	
	CH: 307.00 to 314.00m	1	7.00	1.20	0.25	2.10	
	CH: 328.00 to 332.00 m	1	4.00	1.20	0.25	1.20	
	CH: 378.50 to 384.00 m	1	5.50	1.20	0.25	1.65	
	Last Connecting Culvert	1	11.00	1.20	0.20	2.64	
	Cross Culvert	1	7.00	1.20	0.20	1.68	
	Culverts Side Walls						
	Vaderahalli Culverts						
	LHS Side						
	CH: 15.50 to 24.40 m	2	8.90	0.20	1.20	4.27	
	CH: 80.70 to 86.00 m	2	5.30	0.20	1.20	2.54	
	CH: 162.70 to 168.10 m	2	5.40	0.20	1.20	2.59	
	CH: 225.00 to 230.00 m	2	5.00	0.20	1.20	2.40	
	CH: 256.00 to 261.00 m	2	5.00	0.20	1.20	2.40	
	CH: 286.00 to 292.00 m	2	6.00	0.20	1.20	2.88	
	CH: 371.00 to 378.50 m	2	7.50	0.20	1.20	3.60	
	RHS Side						
	CH: 184.70 to 190.9	2	6.20	0.20	1.20	3.[illegible]	
	CH: 257.00 to 264.00 m	2	7.00	0.25	1.90	6.65	
	CH: 307.00 to 314.00m	2	7.00	0.25	1.80	6.30	
	CH: 328.00 to 332.00 m	2	4.00	0.25	1.60	3.20	
	CH: 378.50 to 384.00 m	2	5.50	0.25	1.20	3.30	
	Last Connecting Culvert	2	11.00	0.20	1.20	5.28	
	Cross Culvert	2	7.00	0.20	1.00	2.80	
					Present Qty	502.74	Cum

Contractor

SHRIYA CONSTRUCTION AND CONSULTANCY

Assistant Engineer

Asst. Executive Engineer

Name of Work :-Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
10	KSRRB M 2200-6 Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. MORTH Specification No 1600 & 2200 TMT Bars Fe 500						
			Previous Qunatity			10.10	
	Prakruthi Layout						
	1st Cross Road,						
	Total Drain length = 91.50 m						
	Main bar 10mm dia bar @ 100 mmC/c						
	10mm bar unit weight = 0.62kg/mtr		921	1.90	0.62	1084.94	
	Distribution bar 8mm dia 150mm C/c						
	8mm bar unit weight = 0.39kg/mtr		10	92.30	0.39	359.97	
	2nd Cross Road,						
	Total Drain length = 120.00 m						
	Main bar 10mm dia bar @ 100 mmC/c						
	10mm bar unit weight = 0.62kg/mtr		1187	1.90	0.62	1398.29	
	Distribution bar 8mm dia 150mm C/c						
	8mm bar unit weight = 0.39kg/mtr		10	119.70	0.39	466.83	
	Vaderahalli Drain						
	LHS Side						
	Total Drain length = 359.40 m						
	Main bar 10mm dia bar @ 100 mmC/c						
	10mm bar unit weight = 0.62kg/mtr		3580	1.90	0.62	4217.24	
	Distribution bar 8mm dia 150mm C/c						
	8mm bar unit weight = 0.39kg/mtr		10	359.00	0.39	1400.10	
	RHS Side (Till CH: 140 and End Portion)						
	Total Drain length = 150.00 m						
	Main bar 10mm dia bar @ 100 mmC/c						
	10mm bar unit weight = 0.62kg/mtr		1470	1.90	0.62	1731.66	
	Distribution bar 8mm dia 150mm C/c						
	8mm bar unit weight = 0.39kg/mtr		10	149.80	0.39	584.22	
	RHS Side (CH: 140.00 to 170.00 m)						
	Total Drain length = 30.00 m						
	Main bar 10mm dia bar @ 100 mmC/c						
	10mm bar unit weight = 0.62kg/mtr		291	2.30	0.62	414.97	
	Distribution bar 8mm dia 150mm C/c						
	8mm bar unit weight = 0.39kg/mtr		12	29.80	0.39	139.46	

CONSTRUCTION AND CONSULTANCY SHRIYA

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ತುಲನಾತ್ಮಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-106

	Culverts RHS Side (378.50 to 384.00 m and Last Connecting Culvert)						
	Total culvert Length=16.50 m						
	Main bar 12mm dia bar @ 100mmC/c						
	12mm bar unit weight = 0.89kg/mtr		161	1.95	0.89	279.42	
	Distribution bar 10mm dia 150mm C/c						
	10mm bar unit weight = 0.61kg/mtr		10	16.20	0.61	98.82	
					Present Qty		MT

CHK

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಾದಗಿರಿ ಉಪವಿಭಾಗ.
ಕ.ಕ.ಪ.ಪ. ಕೋಗನೂರು-105

Contractor

PMC

SHRIYA CONSTRUCTION AND CONSULTANCY

Assistant Engineer

Asst. Executive Engineer

Name of Work :-Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Measurement Recorded On: Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
15	KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications						
	Asphalt Road		Previous Qunatity			1601.01	
	Vaderahalli Road						
	CH: 00.00 to 30.00 m	1	30.00	(5.30 + 5.40)/2	0.20	32.10	
	CH: 30.00 to 60.00 m	1	30.00	(5.40 + 4.30)/2	0.20	29.10	
	CH: 60.00 to 90.00 m	1	30.00	(4.30 + 6.20)/2	0.20	31.50	
	CH: 90.00 to 120.00 m	1	30.00	(6.20 + 6.00)/2	0.20	36.60	
	CH: 120.00 to 150.0 m	1	30.00	(6.00 + 6.70)/2	0.20	38.10	
	CH: 150.00 to 180.0 m	1	30.00	(6.70 + 10.00)/2	0.20	50.10	
	CH: 180.00 to 200.0 m	1	20.00	(10.00 + 7.00)/2	0.20	34.00	
	CH: 200.00 to 230.00 m	1	30.00	(7.00 + 7.00)/2	0.20	42.00	
	CH: 230.00 to 260.00 m	1	30.00	(7.00 + 6.40)/2	0.20	40.20	
	CH: 260.00 to 290.00 m	1	30.00	(6.40 + 6.00)/2	0.20	37.20	
	CH: 290.00 to 320.00 m	1	30.00	(6.00 + 5.30)/2	0.20	33.90	
	CH: 320.00 to 333.00 m	1	13.00	(5.30 + 6.80)/2	0.20	15.60	
	CH: 330.00 to 360.00 m	1	30.00	(6.80 + 7.30)/2	0.20	42.30	
	CH: 360.00 to 390.00 m	1	30.00	(7.30 + 7.50)/2	0.20	44.40	
	CH: 390.00 to 402.00 m	1	12.00	(7.50 + 8.60)/2	0.20	19.32	
	Seetharam Road						
	CH: 00.00 to 30.00 m	1	30.00	(5.10 + 5.70)/2	0.20	32.40	
	CH: 30.00 to 60.00 m	1	30.00	(5.70 + 5.50)/2	0.20	33.60	
	CH: 60.00 to 90.00 m	1	30.00	(5.50 + 5.60)/2	0.20	33.30	
	CH: 90.00 to 92.00 m	1	2.00	(5.60 + 5.60)/2	0.20	2.24	

ಶ್ರೀಯುತ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಜಿ.ಬಿ.ಬಿ.ಎ. ಬೆಂಗಳೂರು-106

SHRIYA CONSTRUCTION AND CONSULTANCY

	Approach road to Seetharam Road								
	Approach Road	1	5.00	5.00	+	5.00	0.20	5.00	
				2					
							Present Qty	633.09	

Contractor

SHARVA CONSTRUCTION AND CONSULTANCY

Assistant Engineer

Asst. Executive Engineer

Name of Work :-Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
16	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and sparying primer at the rte of 0.60 kg /sqm using mechanical means complete as per specifications .						
					Previous Qunatity		0.00
	Chennamma Narayanappa Layout Main Road						
	CH: 00.00 to 27.00 m	1	27.00	(6.50 + 4.10)/2		143.10	
	CH: 27.00 to 35.00 m	1	8.00	(4.10 + 4.10)/2		32.80	
	CH: 35.00 to 54.70 m	1	19.70	(4.10 + 3.90)/2		78.80	
	CH: 54.70 to 75.00 m	1	20.30	(3.90 + 5.60)/2		96.43	
	CH: 75.00 to 88.00 m	1	13.00	(5.60 + 6.00)/2		75.40	
	CH: 88.00 to 104.00 m	1	16.00	(6.00 + 4.60)/2		84.80	
	CH: 104.00 to 134.00 m	1	30.00	(4.60 + 6.00)/2		159.00	
	CH: 200.00 to 230.00 m	1	30.00	(6.95 + 6.75)/2		205.50	
	CH: 230.00 to 260.00 m	1	30.00	(6.75 + 6.90)/2		204.75	
	CH: 260.00 to 290.00 m	1	30.00	(6.90 + 6.90)/2		207.00	
	CH: 290.00 to 320.00 m	1	30.00	(6.90 + 6.70)/2		204.00	
	CH: 320.00 to 333.00 m	1	13.00	(6.70 + 6.55)/2		86.13	
	CH: 330.00 to 360.00 m	1	30.00	(6.55 + 6.60)/2		197.25	
	CH: 360.00 to 390.00 m	1	30.00	(6.60 + 6.60)/2		198.00	
	CH: 390.00 to 420.00 m	1	30.00	(6.60 + 6.60)/2		198.00	
	CH: 420.00 to 445.00 m	1	25.00	(6.60 + 6.20)/2		160.00	
	CH: 445.00 to 470.00 m	1	25.00	(6.20 + 6.30)/2		156.25	
	Apartment Road						
	CH: 00.00 to 30.00 m	1	30.00	(7.00 + 6.75)/2		206.25	
	CH: 30.00 to 60.00 m	1	30.00	(6.75 + 6.25)/2		195.00	
	CH: 60.00 to 90.00 m	1	30.00	(6.25 + 6.25)/2		187.50	
	CH: 90.00 to 120.00 m	1	30.00	(6.25 + 6.00)/2		183.75	
	Approach Road LHS						

SHRIYA CONSTRUCTION AND CONSULTANCY

	CH: 90.00 to 92.00 m	1	2.00	5.60	+	5.60		11.20	
					2				
	Approach road to Seetharam Road								
	Approach Road	1	5.00	5.00	+	5.00		25.00	
					2				
	From Sandeep Unnikrishnan Road to Appartment Road								
	CH: 00.00 to 28.50 m	1	28.50	5.20	+	4.85		143.21	
					2				
	CH: 28.50 to 58.50 m	1	30.00	4.85	+	5.20		150.75	
					2				
	CH: 58.50 to 88.50 m	1	30.00	5.20	+	4.80		150.00	
					2				
	CH: 88.50 to 118.50 m	1	30.00	4.80	+	4.90		145.50	
					2				
	CH: 118.50 to 148.50 m	1	30.00	4.90	+	4.35		138.75	
					2				
	CH: 148.50 to 155.70 m	1	7.20	4.35	+	4.50		31.86	
					2				
							Present Qty	8283.04	Sqm

Contractor

SHRIYA CONSTRUCTION AND CONSULTANCY

Assistant Engineer

Asst. Executive Engineer

Name of Work :-Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Measurement Recorded On: Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
17	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen (VG10) on the prepared black topped surfaces at 2.5 kg per 10sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of materials , labour, HOM complete as per specification						
					Previous Qunatity		0.00
	Chennamma-Narayanappa Layout						
	Main Road						
	CH: 00.00 to 27.00 m	1	27.00	(6.50 + 4.10)/2		143.10	
	CH: 27.00 to 35.00 m	1	8.00	(4.10 + 4.10)/2		32.80	
	CH: 35.00 to 54.70 m	1	19.70	(4.10 + 3.90)/2		78.80	
	CH: 54.70 to 75.00 m	1	20.30	(3.90 + 5.60)/2		96.43	
	CH: 75.00 to 88.00 m	1	13.00	(5.60 + 6.00)/2		75.40	
	CH: 88.00 to 104.00 m	1	16.00	(6.00 + 4.60)/2		84.80	
	CH: 104.00 to 134.00 m	1	30.00	(4.60 + 6.00)/2		159.00	
	CH: 200.00 to 230.00 m	1	30.00	(6.95 + 6.75)/2		205.50	
	CH: 230.00 to 260.00 m	1	30.00	(6.75 + 6.90)/2		204.75	
	CH: 260.00 to 290.00 m	1	30.00	(6.90 + 6.90)/2		207.00	
	CH: 290.00 to 320.00 m	1	30.00	(6.90 + 6.70)/2		204.00	
	CH: 320.00 to 333.00 m	1	13.00	(6.70 + 6.55)/2		86.13	
	CH: 330.00 to 360.00 m	1	30.00	(6.55 + 6.60)/2		197.25	
	CH: 360.00 to 390.00 m	1	30.00	(6.60 + 6.60)/2		198.00	
	CH: 390.00 to 420.00 m	1	30.00	(6.60 + 6.60)/2		198.00	
	CH: 420.00 to 445.00 m	1	25.00	(6.60 + 6.20)/2		160.00	
	CH: 445.00 to 470.00 m	1	25.00	(6.20 + 6.30)/2		156.25	
	Apartment Road						
	CH: 00.00 to 30.00 m	1	30.00	(7.00 + 6.75)/2		206.25	
	CH: 30.00 to 60.00 m	1	30.00	(6.75 + 6.25)/2		195.00	
	CH: 60.00 to 90.00 m	1	30.00	(6.25 + 6.25)/2		187.50	
	CH: 90.00 to 120.00 m	1	30.00	(6.25 + 6.00)/2		183.75	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ ಕಛೇರಿ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

SHRIYA ENGINEERING AND CONSULTANCY

	CH: 30.00 to 60.00 m	1	30.00	5.70 / 2	+	5.50 / 2		168.00	
	CH: 60.00 to 90.00 m	1	30.00	5.50 / 2	+	5.60 / 2		166.50	
	CH: 90.00 to 92.00 m	1	2.00	5.60 / 2	+	5.60 / 2		11.20	
	Approach road to Seetharam Road								
	Approach Road	1	5.00	5.00 / 2	+	5.00 / 2		25.00	
	From Sandeep Unnikrishnan Road to Appartment Road								
	CH: 00.00 to 28.50 m	1	28.50	5.20 / 2	+	4.85 / 2		143.21	
	CH: 28.50 to 58.50 m	1	30.00	4.85 / 2	+	5.20 / 2		150.75	
	CH: 58.50 to 88.50 m	1	30.00	5.20 / 2	+	4.80 / 2		150.00	
	CH: 88.50 to 118.50 m	1	30.00	4.80 / 2	+	4.90 / 2		145.50	
	CH: 118.50 to 148.50 m	1	30.00	4.90 / 2	+	4.35 / 2		138.75	
	CH: 148.50 to 155.70 m	1	7.20	4.35 / 2	+	4.50 / 2		31.86	
							Present Qty	8283.04	Sqm

Contractor

PMC

SHRIYA CONSTRUCTION AND CONSULTANCY

Assistant Engineer

Asst. Executive Engineer

Name of Work :-Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
18	KSRRB M500-17. Providing and laying Dense Graded Bituminous Macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. clause 505 of MORTH V revisionusing 40/60 TPH capacity H.M.P. with mechanical paver Gr-II (50mm to 75mm) with 4.5% VG-30 bitumen with all lead and lift and as per the direction of Engineer in-charge.						
					Previous Qunatity		0.00
	Chennamma Narayanappa Layout						
	Main Road						
	CH: 00.00 to 27.00 m	1	27.00	(6.50 + 4.10)/2	0.05	7.16	
	CH: 27.00 to 35.00 m	1	8.00	(4.10 + 4.10)/2	0.05	1.64	
	CH: 35.00 to 54.70 m	1	19.70	(4.10 + 3.90)/2	0.05	3.94	
	CH: 54.70 to 75.00 m	1	20.30	(3.90 + 5.60)/2	0.05	4.82	
	CH: 75.00 to 88.00 m	1	13.00	(5.60 + 6.00)/2	0.05	3.77	
	CH: 88.00 to 104.00 m	1	16.00	(6.00 + 4.60)/2	0.05	4.24	
	CH: 104.00 to 134.00 m	1	30.00	(4.60 + 6.00)/2	0.05	7.95	
	CH: 200.00 to 230.00 m	1	30.00	(6.95 + 6.75)/2	0.05	10.28	
	CH: 230.00 to 260.00 m	1	30.00	(6.75 + 6.90)/2	0.05	10.24	
	CH: 260.00 to 290.00 m	1	30.00	(6.90 + 6.90)/2	0.05	10.35	
	CH: 290.00 to 320.00 m	1	30.00	(6.90 + 6.70)/2	0.05	10.20	
	CH: 320.00 to 333.00 m	1	13.00	(6.70 + 6.55)/2	0.05	4.31	
	CH: 330.00 to 360.00 m	1	30.00	(6.55 + 6.60)/2	0.05	9.86	
	CH: 360.00 to 390.00 m	1	30.00	(6.60 + 6.60)/2	0.05	9.90	
	CH: 390.00 to 420.00 m	1	30.00	(6.60 + 6.60)/2	0.05	9.90	
	CH: 420.00 to 445.00 m	1	25.00	(6.60 + 6.20)/2	0.05	8.00	
	CH: 445.00 to 470.00 m	1	25.00	(6.20 + 6.30)/2	0.05	7.81	
	Apartment Road						
	CH: 00.00 to 30.00 m	1	30.00	(7.00 + 6.75)/2	0.05	10.31	
	CH: 30.00 to 60.00 m	1	30.00	(6.75 + 6.25)/2	0.05	9.75	
	CH: 60.00 to 90.00 m	1	30.00	(6.25 + 6.25)/2	0.05	9.38	

SHRIYA CONSTRUCTION AND CONSULTANCY

ಶ್ರೀಯಾ ಕನ್ಸ್ಟ್ರಕ್ಷನ್ ಅಂಡ್ ಕನ್ಸಲ್ಟೆನ್ಸಿ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-10

	CH: 30.00 to 60.00 m	1	30.00	5.70	+ 5.50 / 2		0.05	8.40	
	CH: 60.00 to 90.00 m	1	30.00	5.50	+ 5.60 / 2		0.05	8.33	
	CH: 90.00 to 92.00 m	1	2.00	5.60	+ 5.60 / 2		0.05	0.56	
	Approach road to Seetharam Road								
	Approach Road	1	5.00	5.00	+ 5.00 / 2		0.05	1.25	
	From Sandeep Unnikrishnan Road to Appartment Road								
	CH: 00.00 to 28.50 m	1	28.50	5.20	+ 4.85 / 2		0.05	7.16	
	CH: 28.50 to 58.50 m	1	30.00	4.85	+ 5.20 / 2		0.05	7.54	
	CH: 58.50 to 88.50 m	1	30.00	5.20	+ 4.80 / 2		0.05	7.50	
	CH: 88.50 to 118.50 m	1	30.00	4.80	+ 4.90 / 2		0.05	7.28	
	CH: 118.50 to 148.50 m	1	30.00	4.90	+ 4.35 / 2		0.05	6.94	
	CH: 148.50 to 155.70 m	1	7.20	4.35	+ 4.50 / 2		0.05	1.59	
							Present Qty	414.15	Cum

Contractor

SHRIM CONSTRUCTION AND CONSULTANCY

Assistant Engineer

Asst. Executive Engineer

Name of Work :-Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
EIRL-1	KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications (Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) MORTH Specification No. 305						
					Previous Qunatity		0.00
	Vaderahalli Road Low Laying Area						
	CH: 00.00 to 30.00 m	1	30.00	(5.30 + 5.40)/2	0.30	48.15	
	CH: 30.00 to 60.00 m	1	30.00	(5.40 + 4.30)/2	0.45	65.48	
	CH: 60.00 to 90.00 m	1	30.00	(4.30 + 6.20)/2	0.50	78.75	
	CH: 90.00 to 120.00 m	1	30.00	(6.20 + 6.00)/2	0.55	100.65	
	CH: 120.00 to 150.0 m	1	30.00	(6.00 + 6.70)/2	0.50	95.25	
	CH: 150.00 to 180.0 m	1	30.00	(6.70 + 10.00)/2	0.45	112.73	
	CH: 180.00 to 200.0 m	1	20.00	(10.00 + 7.00)/2	0.30	51.00	
						552.00	
	Consider 10% Shrinkage					496.80	
					Present Qty	496.80	Cum

Contractor

SHRIYA CONSTRUCTION AND CONSULTANCY

JMC

Assistant Engineer

Asst. Executive Engineer

2nd & Part Bill

Name of Work :-Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Work Order No.: BBMP/EE/YNK.D/EPMT-08/W.O/119/2021-22 DATED:22-02-2022

Job code: 003-22-000007

Est. cost: 100.00 lakhs

Name Of contractor: Sri C. HALAPPA

Item No	Discription of Item	Measurements					Qty	Rate	Amount
		Unit	No	Length	Breadth	Depth			
1	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications MORTH Specificatio MORTH Specification No.301Loading and unloading with 10km lead.								
	Pre Measurements recorded in Vide page no								
		CUM							
	Previous Bill Quantity						8119.39		
	Total present bill Quantity						918.17		
	Schedule B Quantity						10299.30		
	Reserved Quantity						0.00		
	Quantity to be Claimed in this Bill						918.17	64.58	59294.87
2	KSRRB 300-58. Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications.								
	Pre Measurements recorded in Vide page no								
		SQM							
	Previous Bill Quantity						20298.47		
	Total present bill Quantity						3933.15		
	Schedule B Quantity						34331.00		
	Reserved Quantity						0.00		
	Quantity to be Claimed in this Bill						3933.15	6.42	25264.98
3	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications Clause 401 of MORTH V Revision								
	Pre Measurements recorded in Vide page no								
		CUM							
	Previous Bill Quantity						3044.77		
	Total present bill Quantity						589.97		
	Schedule B Quantity						8584.50		
	Reserved Quantity						0.00		
	Quantity to be Claimed in this Bill						589.97	2014.87	1188717.42

SHRIYA CONSTRUCTION AND CONSULTANCY

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು,
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

4	KSRRB M600-1.Providing and Constructing dry lean cement concrete mix CC 1:5:10 base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and 0.86cum and fine aggregate @0.58cum over a prepared sub-base,coarse and fine aggregate conforming to IS: 383-2016,aggregate cement ratio not to exceed 15:1.Aggregate gradation after blending to be as per Table 600-1,optimum moisture content to be determind during trial length construction,concrete strength not be determinde during trial length costruction, concrete strength not to be less than 10Mpa at 7 days,mixed in a batching plant,transported to site,laid with a paver,compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per spectications. Clause 601 of MORTH V Revision and IS 456 Table-5 , with OPC at 150 kg/cum and coarse aggregate 0.86 cum,fine aggregate 0.58 cum using concrete Batch mix Plant at 75 cum/hr capacity with fixed form paver			
	Pre Measurements recorded in Vide page no			
	CUM			
	Previous Bill Quantity	1042.11		
	Total present bill Quantity	402.68		
	Schedule B Quantity	2503.80		
	Reserved Quantity	0.00		
	Quantity to be Claimed in this Bill	402.68	4101.90	1651764.51
6	KSRB 4-1.6: Providing and laying in postion Plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4 1, 4 2 Page No-13, Item No-4.6.,(PWD BCSR 2018-19)			
	Pre Measurements recorded in Vide page no			
	CUM			
	Previous Bill Quantity	73.60		
	Total present bill Quantity	2.30		
	Schedule B Quantity	75.90		
	Reserved Quantity	2.48		
	Quantity to be Claimed in this Bill	2.30	6089.85	14006.64
7	KSRB 4-1.3 : Providing and laying in position plain cement concrete ofg Mix 1:4:8 with opc @180kgs, with 40mm and down size graded granite metal coarse aggregates@0.85 cum and fine aggregates @0.57 cum machine mixed , machine mixed, concrete laid in layers mot exceeding 15cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per Specifications.			
	Pre Measurements recorded in Vide page no			
	CUM			
	Previous Bill Quantity	88.80		
	Total present bill Quantity	153.45		
	Schedule B Quantity	445.58		
	Reserved Quantity	0.00		
	Quantity to be Claimed in this Bill	153.45	5675.99	870971.83
8	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications.			
	Pre Measurements recorded in Vide page no			
	CUM			
	Previous Bill Quantity	763.79		
	Total present bill Quantity	1589.73		

SHRIYA CONSTRUCTION AND CONSULTANCY

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಜಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

	Schedule B Quantity	3006.66		
	Reserved Quantity	0.00		
	Quantity to be Claimed in this Bill	1589.73	217.43	345659.45
9	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specifications. Wall and Bottom Thickness 15 cm.			
	Pre Measurements recorded in Vide page no			
	CUM			
	Previous Bill Quantity	209.57		
	Total present bill Quantity	502.74		
	Schedule B Quantity	853.17		
	Reserved Quantity	0.00		
	Quantity to be Claimed in this Bill	502.74	7497.22	3769137.34
10	KSRRB M 2200-6 Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. MORTH Specification No 1600 & 2200 TMT Bars Fe 500			
	Pre Measurements recorded in Vide page no			
	MT			
	Previous Bill Quantity	10.10		
	Total present bill Quantity	26.62		
	Schedule B Quantity	52.91		
	Reserved Quantity	0.00		
	Quantity to be Claimed in this Bill	26.62	80948.07	2155154.39
15	KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications			
	Pre Measurements recorded in Vide page no			
	CUM			
	Previous Bill Quantity	1601.01		
	Total present bill Quantity	633.09		
	Schedule B Quantity	3527.80		
	Reserved Quantity	0.00		
	Quantity to be Claimed in this Bill	633.09	2021.29	1279660.26
16	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and sparying primer at the rte of 0.60 kg /sqm using mechanical means complete as per specifications.			
	Pre Measurements recorded in Vide page no			
	Sqm			
	Previous Bill Quantity	0.00		
	Total present bill Quantity	8283.04		
	Schedule B Quantity	17639.00		

CONSTRUCTION AND CONSULTANCY

	Reserved Quantity	0.00		
	Quantity to be Claimed in this Bill	8283.04	34.26	283770.41
17	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen (VG10) on the prepared black topped surfaces at 2.5 kg per 10sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of materials , labour, HOM complete as per specification			
	Pre Measurements recorded in Vide page no			
	Sqm			
	Previous Bill Quantity	0.00		
	Total present bill Quantity	8283.04		
	Schedule B Quantity	17639.00		
	Reserved Quantity	0.00		
	Quantity to be Claimed in this Bill	8283.04	12.85	106413.90
18	KSRRB M500-17. Providing and laying Dense Graded Bituminous Macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. clause 505 of MORTH V revisionusing 40/60 TPH capacity H.M.P. with mechanical paver Gr-II (50mm to 75mm) with 4.5% VG-			
	Pre Measurements recorded in Vide page no			
	Sqm			
	Previous Bill Quantity	0.00		
	Total present bill Quantity	414.15		
	Schedule B Quantity	881.95		
	Reserved Quantity	0.00		
	Quantity to be Claimed in this Bill	414.15	7365.73	3050531.90

Contractor

SHRIYAM CONSTRUCTION AND CONSULTANCY

Assistant Engineer

Asst. Executive Engineer

Name of Work :-Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Measurement Recorded On: Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
5	Constructing un-reinforced,plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum,fine aggregates at 0.46 cum,coarse and fine aggregate conforming to IS:383-2016,with Superplastizer at 3 lts conforming to IS 9103-2008.mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design,laid in approved fixed side form work (sreel channel,layning and fixing of 125 micron thick polythene fim, wedges, steel plates including levelling the form work as per drawing). & Speration the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a construction and longitudinal joints,including groove cutting charges,joint filler,separation membrane of impermiable plastic sheet of 125 micron,sealant primer, joint sealant, admixtures as approved, curring compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all materials,labour,hire charges of machineries , all lead & lift charges etc., complete as per specifications.with OPC AT 360 kg/cum and coarse aggregate 0.69,fineaggregate 0.46cum.								
	Prakruthi Layout								
	1st Cross Road								
	CH: 00.00 to 30.00 m	1	30.00	(4.50 + 5.00)/2	0.15	21.38			
	CH: 30.00 to 60.00 m	1	30.00	(5.00 + 5.00)/2	0.15	22.50			
	CH: 60.00 to 90.00 m	1	30.00	(4.95 + 5.20)/2	0.15	22.84			
	CH: 90.00 to 118.90 m	1	28.90	(5.20 + 6.00)/2	0.15	24.28			
	Deduct Light Poles	-2	0.20	(0.10 + 0.10)/2	0.15	-0.01			
	Cross Road At End								
	CH: 00.00 to 30.00 m	1	30.00	(4.80 + 4.75)/2	0.15	21.49			
	CH: 30.00 to 31.60m	1	1.60	(4.75 + 4.80)/2	0.15	1.15			
	2nd Cross Road								
	CH: 00.00 to 30.00 m	1	30.00	(4.60 + 4.40)/2	0.15	20.25			
	CH: 30.00 to 60.00 m	1	30.00	(4.40 + 4.40)/2	0.15	19.80			
	CH: 60.00 to 90.00 m	1	30.00	(4.60 + 4.60)/2	0.15	20.70			
	CH: 90.00 to 120.00 m	1	30.00	(4.60 + 4.60)/2	0.15	20.70			
	Deduct Light Poles	-2	0.20	(0.10 + 0.10)/2	0.15	-0.01			
	Chennamma Narayanappa Layout								
	End Road Till Main Nalah								
	Approach Entrance	1	20.00	(6.00 + 6.00)/2	0.15	18.00			
	Approach Entrance 1	1	12.00	(6.40 + 6.40)/2	0.15	11.52			
	CH: 00.00 to 30.00 m	1	30.00	(5.20 + 4.15)/2	0.15	21.04			
	CH: 30.00 to 60.00 m	1	30.00	(4.15 + 4.70)/2	0.15	19.91			
	CH: 60.00 to 62.80 m	1	2.80	(4.70 + 4.80)/2	0.15	2.00			
	Cross Road to Narayanagowda Layout LHS								
	CH: 00.00 to 30.00 m	1	30.00	(5.00 + 5.10)/2	0.15	22.73			
	CH: 30.00 to 60.00 m	1	30.00	(5.10 + 5.60)/2	0.15	24.08			

SHRIYA CONSTRUCTION AND CONSULTANCY

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬೆಂಗಳೂರು ಉತ್ತರ ಉಪವಿಭಾಗ,
ಜಿ.ಬಿ.ಎ.ಎ. ಬೆಂಗಳೂರು-106

	CH: 60.00 to 62.00 m	1	2.00	5.60 + 5.70 / 2		0.15	1.70			
	Cross Road End Road									
	CH: 00.00 to 30.00 m	1	30.00	4.85 + 5.00 / 2		0.15	22.16			
	CH: 30.00 to 32.80 m	1	2.80	5.00 + 5.00 / 2		0.15	2.10			
	Varun Provision Store Road									
	CH: 00.00 to 30.00 m	1	30.00	4.50 + 5.20 / 2		0.15	21.83			
	CH: 30.00 to 60.00 m	1	30.00	5.20 + 5.50 / 2		0.15	24.08			
	CH: 60.00 to 80.00 m	1	20.00	5.50 + 5.50 / 2		0.15	16.50			
							Previous Bill Quantity	1042.11		
							Total present bill Quantity	402.68		
							Schedule B Quantity	2503.80		
							Reserved Quantity	0.00		
							Quantity to be Claimed in this Bill	402.68	Cum	5690.65	2291526.42

Contractor

PMC

SHRIYA CONSTRUCTION AND CONSULTANCY

Assistant Engineer

Asst. Executive Engineer

Name of Work :-Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Measurement Recorded On: Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
11	Providing and Fixing pre cast covering Slab of 100mm thick made out of CC jelly 20mm and down size with steel reinforecement , inclunding form work, lift charges, curing including cost of all materials ,Labour,Hire charges of machineries,loading onloading,lead and lift,Transportation etc,complete as per Engineer in-charge								
	Prakruthi Layout								
	1st Cross Road								
	CH: 00.00 to 30.00 m	1	30.00	0.90		27.00			
	CH: 30.00 to 60.00 m	1	30.00	0.90		27.00			
	CH: 60.00 to 90.00 m	1	30.00	0.90		27.00			
	CH: 90.00 to 91.5	1	1.50	0.90		1.35			
	2nd Cross Road								
	CH: 00.00 to 30.00 m	1	30.00	0.90		27.00			
	CH: 30.00 to 60.00 m	1	30.00	0.90		27.00			
	CH: 60.00 to 90.00 m	1	30.00	0.90		27.00			
	CH: 90.00 to 120.00 m	1	30.00	0.90		27.00			
	Vaderahalli Drain								
	LHS Side								
	CH: 00.00 to 15.50 m	1	15.50	0.90		13.95			
	CH: 4.40 to 54.40 m	1	30.00	0.90		27.00			
	CH: 54.40 to 80.70 m	1	26.30	0.90		23.67			
	CH: 86.00 to 116.00 m	1	30.00	0.90		27.00			
	CH: 116.00 to 146.00 m	1	30.00	0.90		27.00			
	CH: 146.00 to 162.70 m	1	16.70	0.90		15.03			
	CH: 168.10 to 198.10 m	1	30.00	0.90		27.00			
	CH: 198.10 to 225.00 m	1	26.90	0.90		24.21			
	CH: 230.00 to 256.00 m	1	26.00	0.90		23.40			
	CH: 261.00 to 286.00 m	1	25.00	0.90		22.50			
	CH: 292.00 to 322.00 m	1	30.00	0.90		27.00			
	CH: 322.00 to 352.00 m	1	30.00	0.90		27.00			
	CH: 352.00 to 371.00 m	1	19.00	0.90		17.10			
	CH: 378.5 to 402.5	1	24.00	0.90		21.60			
	RHS Side								
	CH: 00.00 to 30.00 m	1	30.00	0.90		27.00			
	CH: 30.00 to 60.00 m	1	30.00	0.90		27.00			
	CH: 60.00 to 90.00 m	1	30.00	0.90		27.00			
	CH: 90.00 to 120.00 m	1	30.00	0.90		27.00			
	CH: 120.00 to 140.00 m	1	20.00	0.90		18.00			
	End Portion	1	10.00	0.90		9.00			
	CH: 140.00 to 170.00 m	1	30.00	0.90		27.00			
	CH: 170.00 to 184.7 m	1	14.70	0.90		13.23			
					Previous Bill Quantity	520.83			
					Total present bill Quantity	689.04			
					Schedule B Quantity	2191.50			
					Reserved Quantity	0.00			
					Quantity to be Claimed in this Bill	689.04	SQM	1941.22	1337578.23

Contractor

PRIMO CONSULTANCY CONSTRUCTIONS SHRIYA

Assistant Engineer

Asst. Executive Engineer

Name of Work :-Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
12	Providing and fixing RCC precast cover slab of 230mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge.								
	Vaderahalli Culverts								
	LHS Side								
	CH: 15.50 to 24.40 m	1	8.90	1.50		13.35			
	CH: 80.70 to 86.00 m	1	5.30	1.50		7.95			
	CH: 162.70 to 168.10 m	1	5.40	1.50		8.10			
	CH: 225.00 to 230.00 m	1	5.00	1.50		7.50			
	CH: 256.00 to 261.00 m	1	5.00	1.50		7.50			
	CH: 286.00 to 292.00 m	1	6.00	1.50		9.00			
	CH: 371.00 to 378.50 m	1	7.50	1.50		11.25			
	RHS Side								
	CH: 184.70 to 190.9	1	6.20	1.50		9.30			
	CH: 257.00 to 264.00 m	1	7.00	1.50		10.50			
	CH: 307.00 to 314.00m	1	7.00	1.50		10.50			
	CH: 328.00 to 332.00 m	1	4.00	1.50		6.00			
	CH: 378.50 to 384.00 m	1	5.50	1.50		8.25			
	Last Connecting Culvert	1	11.00	1.50		16.50			
					Previous Bill Quantity	71.16			
					Total present bill Quantity	125.70			
					Schedule B Quantity	219.60			
					Reserved Quantity	0.00			
					Quantity to be Claimed in this Bill	125.70	SQM	4530.86	569529.10

Contractor

SHRIVAS CONSTRUCTION AND CONSULTANCY

Assistant Engineer

Asst. Executive Engineer

Name of Work :-Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
13	Providing and fixing pre cast solid cement concrete kerb stones made out of C C 1:2:4 with top and bottom width 114 and 165 mm respectively , 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials , labour,hire charges of machinery, loading, unloading, lead and lift, transportation ect.,								
	Prakruthi Layout								
	1st Cross Road								
	CH: 00.00 to 30.00 m	1	30.00			30.00			
	CH: 30.00 to 60.00 m	1	30.00			30.00			
	CH: 60.00 to 90.00 m	1	30.00			30.00			
	CH: 90.00 to 109.50	1	19.5			19.50			
	2nd Cross Road								
	CH: 00.00 to 30.00 m	1	30.00			30.00			
	CH: 30.00 to 60.00 m	1	30.00			30.00			
	CH: 60.00 to 90.00 m	1	30.00			30.00			
	CH: 90.00 to 120.00 m	1	30.00			30.00			
					Sum	229.50			
					In Numbers	510.00			
					Previous Bill Quantity	8178.00			
					Total present bill Quantity	510.00			
					Schedule B Quantity	9322.22			
					Reserved Quantity	0.00			
					Quantity to be Claimed in this Bill	510.00	Nos	436.80	222770.45

15/6/2022

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Contractor

SHRIYA CONSTRUCTION AND CONSULTANCY

Assistant Engineer

Asst. Executive Engineer

Name of Work :-Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
14	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications.								
	1st Cross Road								
	CH: 00.00 to 30.00 m	1	30.00		0.35	10.50			
	CH: 30.00 to 60.00 m	1	30.00		0.35	10.50			
	CH: 60.00 to 90.00 m	1	30.00		0.35	10.50			
	CH: 90.00 to 109.50	1	19.50		0.35	6.83			
	2nd Cross Road								
	CH: 00.00 to 30.00 m	1	30.00		0.35	10.50			
	CH: 30.00 to 60.00 m	1	30.00		0.35	10.50			
	CH: 60.00 to 90.00 m	1	30.00		0.35	10.50			
	CH: 90.00 to 120.00 m	1	30.00		0.35	10.50			
					Previous Bill Quantity	1070.09			
					Total present bill Quantity	80.33			
					Schedule B Quantity	1900.85			
					Reserved Quantity	0.00			
					Quantity to be Claimed in this Bill	80.33	SQM	85.65	6879.68

Contractor

PMC

CONSTRUCTION AND CONSULTANCY * SHRIYA

Assistant Engineer

Asst. Executive Engineer

Bruhat Bengaluru

Name of Work :-Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Measurement Recorded On: Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
19	Providing and laying Bituminous concrete , using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision - using 40-60 TPH capacity HMP with mechanical paver grading II (30-40mm) with 5.4% of VG-30 bitumen								
	Chennamma Main Road								
	CH: 00.00 to 27.00 m	1	27.00	(6.50 + 4.10)/2	0.04	5.72			
	CH: 27.00 to 35.00 m	1	8.00	(4.10 + 4.10)/2	0.04	1.31			
	CH: 35.00 to 54.70 m	1	19.70	(4.10 + 3.90)/2	0.04	3.15			
	CH: 54.70 to 75.00 m	1	20.30	(3.90 + 5.60)/2	0.04	3.86			
	CH: 75.00 to 88.00 m	1	13.00	(5.60 + 6.00)/2	0.04	3.02			
	CH: 88.00 to 104.00 m	1	16.00	(6.00 + 4.60)/2	0.04	3.39			
	CH: 104.00 to 134.00 m	1	30.00	(4.60 + 6.00)/2	0.04	6.36			
	CH: 200.00 to 230.00 m		30.00	(6.95 + 6.75)/2	0.04	8.22			
	CH: 230.00 to 260.00 m	1	30.00	(6.75 + 6.90)/2	0.04	8.19			
	CH: 260.00 to 290.00 m		30.00	(6.90 + 6.90)/2	0.04	8.28			
	CH: 290.00 to 320.00 m		30.00	(6.90 + 6.70)/2	0.04	8.16			
	CH: 320.00 to 333.00 m	1	13.00	(6.70 + 6.55)/2	0.04	3.45			
	CH: 330.00 to 360.00 m		30.00	(6.55 + 6.60)/2	0.04	7.89			
	CH: 360.00 to 390.00 m	1	30.00	(6.60 + 6.60)/2	0.04	7.92			
	CH: 390.00 to 420.00 m	1	30.00	(6.60 + 6.60)/2	0.04	7.92			
	CH: 420.00 to 445.00 m	1	25.00	(6.60 + 6.20)/2	0.04	6.40			
	CH: 445.00 to 470.00 m	1	25.00	(6.20 + 6.30)/2	0.04	6.25			
	Apartment Road								
	CH: 00.00 to 30.00 m	1	30.00	(7.00 + 6.75)/2	0.04	8.25			
	CH: 30.00 to 60.00 m	1	30.00	(6.75 + 6.25)/2	0.04	7.80			
	CH: 60.00 to 90.00 m	1	30.00	(6.25 + 6.25)/2	0.04	7.50			
	CH: 90.00 to 120.00 m	1	30.00	(6.25 + 6.00)/2	0.04	7.35			
	Approach Road LHS								
	CH: 00.00 to 24.40 m	1	24.40	(6.80 + 6.70)/2	0.04	6.59			
	Approach Road RHS								
	CH: 00.00 to 16.20 m	1	16.20	(6.70 + 6.50)/2	0.04	4.28			
	From Apartment Road to Kaveri Layout (Next to Drain)								
	CH: 00.00 to 30.00 m	1	30.00	(4.60 + 5.80)/2	0.04	6.24			
	CH: 30.00 to 60.00 m	1	30.00	(5.80 + 6.50)/2	0.04	7.38			
	CH: 60.00 to 83.00 m	1	23.00	(6.50 + 6.70)/2	0.04	6.07			

SHRIYA CONSTRUCTION AND CONSULTANCY

Bruhat Bengaluru

	Policeman Road (Next to Kaveri Layout)										
	CH: 00.00 to 30.00 m	1	30.00	7.10	+	6.70	0.04	8.28			
					2						
	CH: 30.00 to 60.00 m	1	30.00	6.70	+	7.10	0.04	8.28			
					2						
	CH: 60.00 to 90.00 m	1	30.00	7.10	+	7.10	0.04	8.52			
					2						
	CH: 90.00 to 120.00 m	1	30.00	7.10	+	6.30	0.04	8.04			
					2						
	CH: 120.00 to 130.50 m	1	10.50	6.30	+	7.30	0.04	2.86			
					2						
	Road Parallel to Policeman Road										
	CH: 00.00 to 30.00 m	1	30.00	5.60	+	5.45	0.04	6.63			
					2						
	CH: 30.00 to 60.00 m	1	30.00	5.45	+	6.50	0.04	7.17			
					2						
	CH: 60.00 to 90.00 m	1	30.00	6.50	+	6.30	0.04	7.68			
					2						
	CH: 90.00 to 120.00 m	1	30.00	6.30	+	6.70	0.04	7.80			
					2						
	CH: 120.00 to 150.0 m	1	30.00	6.70	+	6.65	0.04	8.01			
					2						
	CH: 150.00 to 180.0 m	1	30.00	6.65	+	6.40	0.04	7.83			
					2						
	CH: 180.00 to 2020.0 m	1	22.00	6.40	+	5.40	0.04	5.19			
					2						
	1st Main Road Narayanagowda Layout										
	CH: 00.00 to 30.00 m	1	30.00	6.65	+	6.25	0.04	7.74			
					2						
	CH: 30.00 to 60.00 m	1	30.00	6.25	+	5.45	0.04	7.02			
					2						
	CH: 60.00 to 90.00 m	1	30.00	5.45	+	4.75	0.04	6.12			
					2						
	CH: 90.00 to 120.00 m	1	30.00	4.75	+	5.65	0.04	6.24			
					2						
	CH: 120.00 to 142.0 m	1	22.00	5.65	+	6.30	0.04	5.26			
					2						
	Seetharam Road										
	CH: 00.00 to 30.00 m	1	30.00	5.10	+	5.70	0.04	6.48			
					2						
	CH: 30.00 to 60.00 m	1	30.00	5.70	+	5.50	0.04	6.72			
					2						
	CH: 60.00 to 90.00 m	1	30.00	5.60	+	5.60	0.04	6.66			
					2						
	CH: 90.00 to 92.00 m	1	2.00	5.60	+	5.60	0.04	0.45			
					2						
	Approach road to Seetharam Road										
	Approach Road	1	5.00	5.00	+	5.00	0.04	1.00			
					2						
	From Sandeep Unnikrishnan Road to Appartment Road										
	CH: 00.00 to 28.50 m	1	28.50	5.20	+	4.85	0.04	5.73			
					2						
	CH: 28.50 to 58.50 m	1	30.00	4.85	+	5.20	0.04	6.03			
					2						
	CH: 58.50 to 88.50 m	1	30.00	5.20	+	4.80	0.04	6.00			
					2						
	CH: 88.50 to 118.50 m	1	30.00	4.80	+	4.90	0.04	5.82			
					2						
	CH: 118.50 to 148.50 m	1	30.00	4.90	+	4.35	0.04	5.55			
					2						
	CH: 148.50 to 155.70 m	1	7.20	4.35	+	4.50	0.04	1.27			
					2						
	CH: 260.00 to 290.00 m	1	30.00	4.50	+	6.00					
					2						
	CH: 290.00 to 320.00 m	1	30.00	6.00	+	5.30	0.04	6.78			
					2						
	CH: 320.00 to 333.00 m	1	13.00	5.30	+	6.80	0.04	3.15			
					2						
	CH: 330.00 to 360.00 m	1	30.00	6.80	+	7.30	0.04	8.46			
					2						

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ ಸಂಖ್ಯೆ-2ರಂಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-೬೦

SHRIYA CONSTRUCTION AND CONSULTANCY

	CH: 360.00 to 390.00 m	1	30.00	7.30	+ 7.50 / 2		0.04	8.88			
	CH: 390.00 to 402.00 m	1	12.00	7.50	+ 8.60 / 2		0.04	3.86			
								Previous Bill Quantity	0.00		
								Total present bill Quantity	362.45		
								Schedule B Quantity	705.00		
								Reserved Quantity	0.00		
								Quantity to be Claimed in this Bill	362.45	CUM	8534.82	3093461.18
										Civil Works Amount	22322093.00
										12% GST for SR 2018-19 Items	2678651.00
										Total	25000744.00

Contractor

SHRIYA CONSTRUCTION AND CONSULTANCY

Assistant Engineer

C&R

Executive Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಐ.ಎ.ಲ್. ಬೆಂಗಳೂರು-106